

Chris Pettyjohn

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SUMMARY

Skilled Full Stack Developer with over 10 years of experience in building scalable web applications and microservices using technologies like TypeScript, Node.js, and React. Proven ability to lead teams, deliver cloud-based solutions, and drive business impact, including improving performance and user retention. Strong communicator, experienced in Agile and DevOps practices, with a focus on aligning technical solutions with business goals.

EXPERIENCE

Lead Engineer | Mars

July 2023 - Present

- Led the development and deployment of Node.js-based microservices to support global e-commerce platforms, including MMS.com, ensuring 99.9% uptime and high availability in a multi-cloud environment handling a high volume of transactions.
- Spearheaded the design and optimization of scalable cloud-native solutions for MMS.com, reducing latency by 35% and improving the performance of mission-critical e-commerce applications.
- Integrated APIs and third-party services within the Node.js ecosystem, enhancing platform functionality and improving the customer experience for MMS.com's digital commerce.
- Implemented CI/CD pipelines for Node.js services, reducing deployment times by 25% and accelerating time to market for new features in MMS.com's e-commerce platform.

Senior Engineer | Apple

July 2022 - July 2023

- Architected and developed scalable microservices using Node.js, React, TypeScript, and PostgreSQL, supporting thousands of events per second with low latency and high availability.
- Optimized microservices architecture, reducing system latency by 40% while ensuring efficient event handling and zero downtime during peak traffic periods.
- Spearheaded backend service improvements, enabling a 20% increase in concurrent event processing and enhancing overall system throughput.
- Collaborated with cross-functional teams to deliver new features that improved the scalability and performance of distributed microservices, supporting real-time data processing.
- Enhanced code reliability and system resilience through automated testing and rigorous code reviews, reducing bugs by 30% in mission-critical event-driven microservices.
- Developed reusable and efficient web components to enhance frontend modularity, improving scalability and maintainability across multiple microservices applications.

Senior Engineer | Nike

July 2021 - July 2022

- Developed scalable microservices and RESTful APIs using Node.js and Java for warehouse management platforms.
- Optimized NoSQL databases such as DynamoDB for real-time data processing in high-volume operations.
- Implemented CI pipelines, improving code quality and reducing deployment times.
- Collaborated with teams to deliver secure and high-performing logistics services.
- Optimized database performance by 30% through advanced MySQL query tuning and index management, enhancing data retrieval times over a 12-month period using performance monitoring tools.

Software Engineer | Drive Social Media

December 2019 - July 2021

- Led a team of 5 engineers to build three applications from scratch: a marketing dashboard, an AI-powered content creation app, and a corporate-wide admin panel using React and Node.js.
- Collaborated with the CEO and CTO to define goals and deliver high-impact features, contributing to 1,000 new clients.
- Achieved 800% speed improvements and 240% user retention through scalable, high-performance architectures.
- Built cloud-based solutions using Node.js, React, AWS, and implemented CI/CD pipelines with Jenkins and GitLab CI/CD.

Software Engineer | Impending Success LLC

July 2015 - November 2019

- Developed custom web applications using Angular, React, Node.js, and Laravel, increasing client web traffic by 150%.
- Built e-commerce platforms, boosting sales conversions by 40%.
- Created mobile-friendly applications, raising mobile user adoption by 60%.

Lead Developer | Edgar County Humane Association

January 2014 - January 2016

- Led Full-Stack Development of Adoption Portal: Engineered an adoption platform from scratch using Angular and Node.js, driving a 72% increase in user engagement and a 55% rise in successful adoptions within the first year.
- Boosted User Growth & Volunteer Participation: Designed a user-friendly, mobile-optimized interface, leading to a 65% increase in registrations and a 58% growth in volunteer sign-ups, greatly expanding the platform's community outreach.
- Implemented Secure APIs & Payment Systems: Developed secure RESTful APIs and integrated a streamlined payment gateway, reducing form submission errors by 45% and improving processing efficiency by 68%, enhancing overall user satisfaction.
- Optimized for Scalability & High Availability: Deployed the platform on AWS, ensuring 99.9% uptime and achieving a 62% improvement in response times, with continuous updates based on performance metrics and user feedback.

SKILLS

TypeScript, JavaScript, Node.js, React, AngularJS, AWS EC2, AWS Lambda, AWS S3, AWS DynamoDB, Docker, Kubernetes, RESTful APIs, CI/CD (Jenkins, GitLab CI), Microservices, SQL, Redis, Agile, DevOps